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- (71) Applicant (*for all designated States except US*): MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): CLARK, Janet

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(54) Title: TRYPTOPHAN HYDROXYLASE ASSAY

(57) Abstract: The present invention relates to methods of evaluation and detection of the expression of tryptophan hydroxylase (TPH) gene and induction of TPH by estrogen receptor-beta (ER $\beta$ ) agonists, utilizing TPH riboprobe and/or primers.